

## Prof. ÖMER KAYNAKLI

### Personal Information

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### Education Information

Doctorate, Bursa Uludağ University, FEN BİLİMLERİ ENSTİTÜSÜ, Makine Mühendisliği (Dr), Turkey 2000 - 2004

Postgraduate, Bursa Uludağ University, FEN BİLİMLERİ ENSTİTÜSÜ, Makine Mühendisliği (YI) (Tezli), Turkey 1998 - 2000

Undergraduate, Bursa Uludağ University, MÜHENDİSLİK FAKÜLTESİ, Makine Mühendisliği Bölümü, Turkey 1994 - 1998

### Foreign Languages

English, B2 Upper Intermediate

### Research Areas

Engineering and Technology

### Academic Titles / Tasks

Professor, Bursa Uludağ University, MÜHENDİSLİK FAKÜLTESİ, MAKİNA MÜHENDİSLİĞİ, 2014 - Continues

Associate Professor, Bursa Uludağ University, MÜHENDİSLİK FAKÜLTESİ, MAKİNA MÜHENDİSLİĞİ, 2009 - 2014

Assistant Professor, Bursa Uludağ University, MÜHENDİSLİK FAKÜLTESİ, OTOMOTİV MÜHENDİSLİĞİ, 2008 - 2009

Lecturer PhD, Bursa Uludağ University, MÜHENDİSLİK FAKÜLTESİ, MAKİNA MÜHENDİSLİĞİ, 2004 - 2008

Research Assistant, Bursa Uludağ University, MÜHENDİSLİK FAKÜLTESİ, MAKİNA MÜHENDİSLİĞİ, 1999 - 2004

### Advising Theses

KAYNAKLI Ö., Modelling, thermodynamic optimization and exergoeconomic analysis of an ORC aided multifunctional system utilizing geothermal energy for the production of liquid hydrogen, Doctorate, A.Hüsnü(Student), 2020

KAYNAKLI Ö., Improvement of response time for vehicle thermostats, Postgraduate, O.Aydın(Student), 2020

KAYNAKLI Ö., Improve chiller efficiency with evaporative cooling, Postgraduate, İ.Seven(Student), 2020

KAYNAKLI Ö., Experimental and numerical investigation into thermal performance optimization of vehicle radiators, Doctorate, A.Serhan(Student), 2020

KAYNAKLI Ö., Full automatic double compressor smart vaccine and drug cabinet design, Postgraduate,

A.Serhat(Student), 2019  
KAYNAKLI Ö., Optimization of thermal insulation thickness applied to building external walls considering economic parameters, Postgraduate, Ö.Erdoğan(Student), 2018  
KAYNAKLI Ö., Improving the performance of the chiller, Postgraduate, G.Bozer(Student), 2017  
KAYNAKLI Ö., Thermoconomic analysis of a trigeneration system, Postgraduate, Y.Şen(Student), 2017  
KAYNAKLI Ö., The first and second law analyses of double effect absorption refrigerereation systems, Doctorate, K.Saka(Student), 2016  
KAYNAKLI Ö., Cooling system design and thermal analyses of automotive LED lighting products, Postgraduate, E.Düzyer(Student), 2016  
KAYNAKLI Ö., Determination of insulation thickness considering condensation in walls, Postgraduate, A.Hüsünü(Student), 2014  
KAYNAKLI Ö., Thermoconomic optimization of the pipe diameter and insulation thickness for heating systems, Postgraduate, D.Yıldız(Student), 2013  
KAYNAKLI Ö., Heating and cooling with solar absorption systems in a residential application, Doctorate, B.Pastakkaya(Student), 2012  
KAYNAKLI Ö., Termodinamic analysis of singel stage absorbtion refrigeration system, Postgraduate, K.Saka(Student), 2010

### **Published journal articles indexed by SCI, SSCI, and AHCI**

- I. **A modeling of electricity generation by using geothermal assisted organic Rankine cycle with internal heat recovery**  
Canbolat A. S., Bademlioglu A. H., Kaynakli Ö.  
ENERGY SOURCES PART A-RECOVERY UTILIZATION AND ENVIRONMENTAL EFFECTS, vol.45, no.1, pp.212-228, 2023 (SCI-Expanded)
- II. **Thermohydraulic Performance Optimization of Automobile Radiators Using Statistical Approaches**  
Canbolat A. S., Kaynaklı Ö., Bademlioğlu A. H.  
JOURNAL OF THERMAL SCIENCE AND ENGINEERING APPLICATIONS, vol.14, no.5, pp.1-11, 2021 (SCI-Expanded)
- III. **Multi-objective optimization of parameters affecting Organic Rankine Cycle performance characteristics with Taguchi-Grey Relational Analysis**  
Bademlioglu A. H., Canbolat A. S., Kaynakli Ö.  
RENEWABLE & SUSTAINABLE ENERGY REVIEWS, vol.117, 2020 (SCI-Expanded)
- IV. **INVESTIGATION OF PARAMETERS AFFECTING THE OPTIMUM THERMAL INSULATION THICKNESS FOR BUILDINGS IN HOT AND COLD CLIMATES**  
CANBOLAT A. S., Bademlioglu A. H., SAKA K., KAYNAKLI Ö.  
THERMAL SCIENCE, vol.24, no.5, pp.2891-2903, 2020 (SCI-Expanded)
- V. **Performance optimization of absorption refrigeration systems using Taguchi, ANOVA and Grey Relational Analysis methods**  
Canbolat A. S., Bademlioglu A. H., Arslanoglu N., Kaynakli Ö.  
JOURNAL OF CLEANER PRODUCTION, vol.229, pp.874-885, 2019 (SCI-Expanded)
- VI. **Performance Assessment and Solution Procedure for Series Flow Double-Effect Absorption Refrigeration Systems Under Critical Operating Constraints**  
Yilmaz I. H., SAKA K., KAYNAKLI Ö., KAŞKA Ö.  
ARABIAN JOURNAL FOR SCIENCE AND ENGINEERING, vol.44, no.6, pp.5997-6011, 2019 (SCI-Expanded)
- VII. **A PARAMETRIC ANALYSIS OF THE PERFORMANCE OF ORGANIC RANKINE CYCLE WITH HEAT RECOVERY EXCHANGER AND ITS STATISTICAL EVALUATION**  
Bademlioglu A. H., CANBOLAT A. S., YAMANKARA DENİZ N., KAYNAKLI Ö.  
ISI BILİMİ VE TEKNİĞİ DERGİSİ-JOURNAL OF THERMAL SCIENCE AND TECHNOLOGY, vol.39, no.2, pp.121-135, 2019 (SCI-Expanded)
- VIII. **Investigation of parameters affecting Organic Rankine Cycle efficiency by using Taguchi and ANOVA**

## **methods**

Bademlioglu A. H., Canbolat A. S., Yamankaradeniz N., Kaynakli Ö.

APPLIED THERMAL ENGINEERING, vol.145, pp.221-228, 2018 (SCI-Expanded)

- IX. **Performance Assessments of Organic Rankine Cycle With Internal Heat Exchanger Based on Exergetic Approach**

YAMANKARADENİZ N., Bademlioglu A. H., KAYNAKLI Ö.

JOURNAL OF ENERGY RESOURCES TECHNOLOGY-TRANSACTIONS OF THE ASME, vol.140, no.10, 2018 (SCI-Expanded)

- X. **Determination of Optimum Insulation Thickness for Different Insulation Applications Considering Condensation**

KAYNAKLI Ö., Bademlioglu A. H., UFAT H.

TEHNICKI VJESNIK-TECHNICAL GAZETTE, vol.25, pp.32-42, 2018 (SCI-Expanded)

- XI. **Investigation of the number of particles in an operating room at different ambient temperatures and inlet velocities**

Ufat H., Kaynakli Ö., Yamankaradeniz N., Yamankaradeniz R.

INTERNATIONAL JOURNAL OF VENTILATION, vol.17, no.3, pp.209-223, 2018 (SCI-Expanded)

- XII. **THE EFFECT OF WATER VAPOR DIFFUSION RESISTANCE FACTOR OF INSULATION MATERIALS FOR OUTER WALLS ON CONDENSATION**

Bademlioglu A. H., KAYNAKLI Ö., YAMANKARADENİZ N.

ISI BILIMI VE TEKNIGİ DERGİSİ-JOURNAL OF THERMAL SCIENCE AND TECHNOLOGY, vol.38, no.2, pp.15-23, 2018 (SCI-Expanded)

- XIII. **Three-dimensional air distribution analysis of different outflow typed operating rooms at different inlet velocities and room temperatures**

UFAT H., KAYNAKLI Ö., YAMANKARADENİZ N., YAMANKARADENİZ R.

ADVANCES IN MECHANICAL ENGINEERING, vol.9, no.7, pp.1-12, 2017 (SCI-Expanded)

- XIV. **A thermodynamic evaluation on high pressure condenser of double effect absorption refrigeration system**

Yilmaz I. H., SAKA K., KAYNAKLI Ö.

ENERGY, vol.113, pp.1031-1041, 2016 (SCI-Expanded)

- XV. **PERFORMANCE ANALYSIS OF A RE-CIRCULATING HEAT PUMP DRYER**

YAMANKARADENİZ N., Sokmen K. F., COŞKUN S., KAYNAKLI Ö., PASTAKKAYA B.

THERMAL SCIENCE, vol.20, no.1, pp.267-277, 2016 (SCI-Expanded)

- XVI. **Energy and exergy analysis of a double effect absorption refrigeration system based on different heat sources**

KAYNAKLI Ö., SAKA K., KAYNAKLI F.

ENERGY CONVERSION AND MANAGEMENT, vol.106, pp.21-30, 2015 (SCI-Expanded)

- XVII. **Economic thermal insulation thickness for pipes and ducts: A review study**

Kaynakli Ö.

RENEWABLE & SUSTAINABLE ENERGY REVIEWS, vol.30, pp.184-194, 2014 (SCI-Expanded)

- XVIII. **MATHEMATICAL MODELING OF HC EMISSIONS RELEASED by OIL FILM for GASOLINE and GASEOUS FUELS**

KARAMANGİL M. İ., Yenice S., KAYNAKLI Ö., SÜRMEN A.

JOURNAL OF THE FACULTY OF ENGINEERING AND ARCHITECTURE OF GAZI UNIVERSITY, vol.29, no.2, pp.343-352, 2014 (SCI-Expanded)

- XIX. **OPTIMUM THERMAL INSULATION THICKNESSES AND PAYBACK PERIODS FOR BUILDING WALLS IN TURKEY**

Kaynakli Ö.

ISI BILIMI VE TEKNIGİ DERGİSİ-JOURNAL OF THERMAL SCIENCE AND TECHNOLOGY, vol.33, no.2, pp.45-55, 2013 (SCI-Expanded)

- XX. **Determination of heating-cooling periods and annual energy requirements variations with respect to years**

- Kaynaklı Ö.  
ENERGY EDUCATION SCIENCE AND TECHNOLOGY PART A-ENERGY SCIENCE AND RESEARCH, vol.29, no.2, pp.801-810, 2012 (SCI-Expanded)
- XXI. DETERMINATION OF OPTIMUM THERMAL INSULATION THICKNESS CONSIDERING SOLAR RADIATION AND WALL ORIENTATION  
KAYNAKLI Ö., Ozdemir S., KARAMANGİL M. İ.  
JOURNAL OF THE FACULTY OF ENGINEERING AND ARCHITECTURE OF GAZI UNIVERSITY, vol.27, no.2, pp.367-374, 2012 (SCI-Expanded)
- XXII. Experimental analysis of a solar absorption system with interior energy storage  
PASTAKKAYA B., YAMANKARADENİZ N., KAYNAKLI Ö., COŞKUN S., Yamanakaradeniz R.  
JOURNAL OF ENERGY IN SOUTHERN AFRICA, vol.23, no.2, pp.39-49, 2012 (SCI-Expanded)
- XXIII. Technical and economic analysis of the problems observed in diesel engines with common rail injection systems in Turkey  
KARAMANGİL M. İ., ERKUŞ B., KAYNAKLI Ö., SÜRMEN A.  
ENERGY EDUCATION SCIENCE AND TECHNOLOGY PART A-ENERGY SCIENCE AND RESEARCH, vol.28, no.2, pp.563-576, 2012 (SCI-Expanded)
- XXIV. A review of the economical and optimum thermal insulation thickness for building applications  
Kaynaklı Ö.  
RENEWABLE & SUSTAINABLE ENERGY REVIEWS, vol.16, no.1, pp.415-425, 2012 (SCI-Expanded)
- XXV. Parametric Investigation of Optimum Thermal Insulation Thickness for External Walls  
Kaynaklı Ö.  
ENERGIES, vol.4, no.6, pp.913-927, 2011 (SCI-Expanded)
- XXVI. An experimental investigation on interior thermal conditions and human body temperatures during cooling period in automobile  
Kılıç M., Kaynaklı Ö.  
HEAT AND MASS TRANSFER, vol.47, pp.407-418, 2011 (SCI-Expanded)
- XXVII. A simulation study of performance evaluation of single-stage absorption refrigeration system using conventional working fluids and alternatives  
KARAMANGİL M. İ., Coskun S., Kaynaklı Ö., Yamankaradeniz N.  
RENEWABLE & SUSTAINABLE ENERGY REVIEWS, vol.14, no.7, pp.1969-1978, 2010 (SCI-Expanded)
- XXVIII. Exergy analysis of absorber using water/lithium bromide solution  
Kaynaklı Ö.  
HEAT AND MASS TRANSFER, vol.44, no.9, pp.1089-1097, 2008 (SCI-Expanded)
- XXIX. A study on residential heating energy requirement and optimum insulation thickness  
Kaynaklı Ö.  
RENEWABLE ENERGY, vol.33, no.6, pp.1164-1172, 2008 (SCI-Expanded)
- XXX. The first and second law analysis of a lithium bromide/water coil absorber  
Kaynaklı Ö.  
ENERGY, vol.33, no.5, pp.804-816, 2008 (SCI-Expanded)
- XXXI. Effects of radiant temperature on thermal comfort  
Atmaca I., Kaynaklı Ö., Yigit A.  
BUILDING AND ENVIRONMENT, vol.42, no.9, pp.3210-3220, 2007 (SCI-Expanded)
- XXXII. Second law-based thermodynamic analysis of water-lithium bromide absorption refrigeration system  
Kılıç M., Kaynaklı Ö.  
ENERGY, vol.32, no.8, pp.1505-1512, 2007 (SCI-Expanded)
- XXXIII. Theoretical study on the effect of operating conditions on performance of absorption refrigeration system  
Kaynaklı Ö., Kılıç M.  
ENERGY CONVERSION AND MANAGEMENT, vol.48, pp.599-607, 2007 (SCI-Expanded)
- XXXIV. Thermodynamic analysis of absorption refrigeration system based on entropy generation

- Kaynaklı Ö., Yamankaradeniz R.  
 CURRENT SCIENCE, vol.92, no.4, pp.472-479, 2007 (SCI-Expanded)
- XXXV. Parametric investigation of cylinder and jacket side convective heat transfer coefficients of gasoline engines**  
 Karamangil M. İ., Kaynaklı Ö., Surmen A.  
 ENERGY CONVERSION AND MANAGEMENT, vol.47, no.6, pp.800-816, 2006 (SCI-Expanded)
- XXXVI. Comparison of parallel and counter flow coil absorber performance**  
 Kaynaklı Ö., Horuz I.  
 INTERNATIONAL COMMUNICATIONS IN HEAT AND MASS TRANSFER, vol.33, no.2, pp.211-223, 2006 (SCI-Expanded)
- XXXVII. Determination of required core temperature for thermal comfort with steady-state energy balance method**  
 Kilic M., Kaynaklı Ö., Yamankaradeniz R.  
 INTERNATIONAL COMMUNICATIONS IN HEAT AND MASS TRANSFER, vol.33, pp.199-210, 2006 (SCI-Expanded)
- XXXVIII. An investigation of thermal comfort inside an automobile during the heating period**  
 Kaynaklı Ö., Kilic M.  
 APPLIED ERGONOMICS, vol.36, pp.301-312, 2005 (SCI-Expanded)
- XXXIX. Thermal comfort during heating and cooling periods in an automobile**  
 Kaynaklı Ö., Pulat E., Kilic M.  
 HEAT AND MASS TRANSFER, vol.41, pp.449-458, 2005 (SCI-Expanded)
- XL. Investigation of indoor thermal comfort under transient conditions**  
 Kaynaklı Ö., Kilic M.  
 BUILDING AND ENVIRONMENT, vol.40, pp.165-174, 2005 (SCI-Expanded)
- XLI. Evaluation of coil absorber performance**  
 Kaynaklı Ö., Horuz I.  
 HEAT AND MASS TRANSFER, vol.40, no.12, pp.929-936, 2004 (SCI-Expanded)
- XLII. Evaluating thermal environments for sitting and standing posture**  
 Kaynaklı Ö., Unver U., Kilic M.  
 INTERNATIONAL COMMUNICATIONS IN HEAT AND MASS TRANSFER, vol.30, pp.1179-1188, 2003 (SCI-Expanded)
- XLIII. An experimental analysis of automotive air conditioning system**  
 Kaynaklı Ö., Horuz I.  
 INTERNATIONAL COMMUNICATIONS IN HEAT AND MASS TRANSFER, vol.30, no.2, pp.273-284, 2003 (SCI-Expanded)

## Articles Published in Other Journals

- I. EXERGY ANALYSIS OF THE ORGANIC RANKINE CYCLE BASED ON THE PINCH POINT TEMPERATURE DIFFERENCE**  
 Bademlioglu A. H., Yamankaradeniz R., Kaynaklı Ö.  
 JOURNAL OF THERMAL ENGINEERING, vol.5, no.3, pp.157-165, 2019 (ESCI)
- II. Klima Cihazı Üfleme Çıkış Açısının Isıl Konfor Üzerindeki Etkisinin Nümerik Olarak İncelenmesi**  
 CANBOLAT A. S., KAYNAKLI Ö., TÜRKAN B., YAMANKARADENİZ N.  
 Tesisat Mühendisliği, vol.26, no.169, pp.31-38, 2019 (Peer-Reviewed Journal)
- III. Determination of Proper Insulation Thickness for Building Walls Regarding Economic Consideration**  
 CANBOLAT A. S., BADEMLİOĞLU A. H., KAYNAKLI Ö.  
 International Research Journal of Advanced Engineering and Science, vol.3, no.4, pp.173-176, 2018 (Peer-Reviewed Journal)
- IV. ENERGY POTENTIAL OF ANIMAL BIOMASS IN TURKEY**  
 SAKA K., YILMAZ İ. H., CANBOLAT A. S., KAYNAKLI Ö.  
 European Journal of Technique, vol.8, no.2, pp.160-167, 2018 (Peer-Reviewed Journal)

- V. INVESTIGATION OF DIFFERENT TURBULANCE MODELS ON THERMAL AND HYDRAULIC BEHAVIOUR OF AUTOMOTIVE COOLING SYSTEM  
CANBOLAT A. S., KAYNAKLI Ö., TÜRKAN B., YAMANKARADENİZ R.  
International Journal of Mechanical And Production Engineering, vol.5, no.9, pp.77-82, 2017 (Peer-Reviewed Journal)
- VI. A Study on The Parameters Affecting Insulation Thickness on External Wall of Buildings  
KAYNAKLI Ö., CANBOLAT A. S., BADEMLİOĞLU A. H.  
International Journal of Mechanical and Production Engineering, vol.5, no.7, pp.81-84, 2017 (Peer-Reviewed Journal)
- VII. CFD Study of Heat Transfer and Pressure Drop Characteristics in Vehicle Radiators  
CANBOLAT A. S., KAYNAKLI Ö., TÜRKAN B.  
International Journal of Mechanical And Production Engineering, vol.5, no.4, pp.66-70, 2017 (Peer-Reviewed Journal)
- VIII. Thermodynamic Analysis of The Organic Rankine Cycle and The Effect of Refrigerant Selection on Cycle Performance  
KAYNAKLI Ö., BADEMLİOĞLU A. H., YAMANKARADENİZ N., YAMANKARADENİZ R.  
International Journal of Energy Applications and Technologies, vol.4, no.3, pp.101-108, 2017 (Peer-Reviewed Journal)
- IX. DETERMINATION OF OPTIMUM THERMAL INSULATION THICKNESSES CONSIDERING THE SEASONAL ENERGY REQUIREMENTS  
KAYNAKLI Ö., SAKA K., KAYNAKLI Z.  
International Journal of Mechanical And Production Engineering, vol.4, no.6, pp.71-75, 2016 (Peer-Reviewed Journal)
- X. Determination of optimum thermal insulation thicknesses for external walls considering the heating cooling and annual energy requirements  
KAYNAKLI Ö., KAYNAKLI F.  
Uludağ Üniversitesi Mühendislik Fakültesi Dergisi, 2016 (Peer-Reviewed Journal)
- XI. A study on determination of optimum thermal insulation thickness using life cycle cost analysis  
KAYNAKLI Ö., YÜCE C., DOĞAN O., Zeynep K.  
International Journal of Advances in Mechanical and Civil Engineering, vol.3, no.6, pp.1-5, 2015 (Peer-Reviewed Journal)
- XII. Bina Duvarlarına Uygulanan Isıl Yalıtım Kalınlığının Enerji Maliyeti Odaklı Optimizasyonu  
KAYNAKLI Ö., MUTLU M., KILIÇ M.  
Tesisat Mühendisliği, no.156, pp.48-54, 2011 (Peer-Reviewed Journal)
- XIII. Isıtma Süreci ve Optimum Yalıtım Kalınlığı Hesabı  
KAYNAKLI Ö., YAMANKARADENİZ R.  
Makina Mühendisleri Odası İstanbul Şubesi Tesisat Mühendisliği Dergisi, 2007 (Peer-Reviewed Journal)
- XIV. Sürekli rejim enerji dengesi modeline göre isıl konfor bölgeleri  
Kaynaklı Ö., Ünver Ü., Kılıç M., Yamankaradeniz R.  
Pamukkale Üniversitesi Mühendislik Bilimleri Dergisi, vol.9, no.1, pp.23-30, 2003 (Peer-Reviewed Journal)
- XV. İçten yanmalı motorlarda enerji dağılımı ve kullanılabilirliği  
KAYNAKLI Ö., HORUZ İ., KARAMANGİL M. İ.  
Z.K.Ü. Karabük Teknik Eğitim Fakültesi Teknoloji Dergisi, vol.6, pp.23-34, 2003 (Peer-Reviewed Journal)
- XVI. İnsan vücutu için ısı dengesi ve isıl konfor şartları  
YİĞİT A., KAYNAKLI Ö.  
Dokuz Eylül Üniversitesi Fen ve Mühendislik Dergisi, vol.5, 2003 (Peer-Reviewed Journal)
- XVII. Sürekli rejimde isıl konfor şartlarının modellenmesi  
Kaynaklı Ö., Kılıç M.  
Anadolu Üniversitesi Bilim ve Teknoloji Dergisi, vol.4, 2003 (Peer-Reviewed Journal)

## **Books & Book Chapters**

- I. **MÜHENDİSLER İÇİN TERMODİNAMİĞİN ESASLARI CİLT 2**  
YAMANKARADENİZ R., YAMANKARADENİZ N., COŞKUN S., PULAT E., KAYNAKLI Ö.  
Dora Basım yayın ltd. Şti, Bursa, 2019
- II. **MÜHENDİSLER İÇİN TERMODİNAMİĞİN ESASLARI CİLT I**  
YAMANKARADENİZ R., YAMANKARADENİZ N., COŞKUN S., PULAT E., KAYNAKLI Ö.  
Dora, Bursa, 2018
- III. **Mühendisler İçin Termodinamiğin Esasları Cilt 2**  
YAMANKARADENİZ R., YAMANKARADENİZ N., COŞKUN S., PULAT E., KAYNAKLI Ö.  
Dora, Bursa, 2018
- IV. **Soğutma Tekniği ve Isı Pompası Uygulamaları**  
YAMANKARADENİZ R., HORUZ İ., COŞKUN S., KAYNAKLI Ö., YAMANKARADENİZ N.  
Dora Yayınevi, 2017
- V. **İklimlendirme Esasları ve Uygulamaları**  
YAMANKARADENİZ R., HORUZ İ., COŞKUN S., KAYNAKLI Ö., YAMANKARADENİZ N.  
Dora, 2015
- VI. **Investigation of Humidity Effects on the Thermal Comfort and Heat Balance of the Body**  
KAYNAKLI Ö., MUTLU M., ATMACA İ., KILIÇ M.  
in: Progress in Exergy, Energy and the Environment, İbrahim Dinçer, Adnan Midilli, Haydar Küçük, Editor, Springer International Publishing, pp.421-434, 2014
- VII. **Investigation of Humidity Effects on the Thermal Comfort and Heat Balance of the Body**  
KAYNAKLI Ö., MUTLU M., ATMACA İ., KILIÇ M.  
in: Progress in Exergy, Energy, and the Environment, Dinçer, İ., Midilli, A. and Küçük, A., Editor, Springer, pp.421-434, 2014

## **Refereed Congress / Symposium Publications in Proceedings**

- I. **The Effect of Environmental Conditions on Optimum Insulaion Thickness by Considering Condensation and Its Statistical Analysis**  
BADEMLİOĞLU A. H., CANBOLAT A. S., KAYNAKLI Ö.  
22nd Congress on Thermal Science and Technology, 11 - 14 September 2019, pp.421-428
- II. **Çatı Katlarındaki İslıl Konforun Farklı Isıtma Sistemleri Kullanılarak İncelenmesi**  
CANBOLAT A. S., BADEMLİOĞLU A. H., KAYNAKLI Ö.  
22nd Congress on Thermal Science and Technology, 11 - 14 September 2019, pp.483-489
- III. **Bir Taşit Radyatöründe Isı Geçişine Etki Eden Parametrelerin İstatistiksel Analizi**  
CANBOLAT A. S., BADEMLİOĞLU A. H., PERUT A. H., YETER A., KAYNAKLI Ö.  
22nd Congress on Thermal Science and Technology, 11 - 14 September 2019, pp.120-125
- IV. **Organik Rankine Çevriminin Islak ve Kuru Tip Akışkanlar için Performans Analizi**  
BADEMLİOĞLU A. H., CANBOLAT A. S., KAYNAKLI Ö.  
22nd Congress on Thermal Science and Technology, 11 - 14 September 2019, pp.27-34
- V. **Thermoeconomic analysis of regenerative gas turbine based heat and power system**  
ŞEN Y., TÜRKAN B., YAMANKARADENİZ R., KAYNAKLI Ö.  
International Conference on Science and Technology, 5 - 09 September 2018
- VI. **BURSA'DA BULUNAN ŞEBEKE BAĞLANTILI BİR PV GÜC SANTRALİNİN GÜNLÜK ELEKTRİK ÜRETİMİ**  
SAKA K., KAYNAKLI Ö., YAMANKARADENİZ R.  
4th Anatolian Energy Symposium with International Participation, Edirne, Turkey, 18 - 20 April 2018, pp.1479-1485
- VII. **Bir açık tip çok raflı soğutuculu teşhir dolabında tasarım parametrelerinin HAD üzerinde incelenmesi**

- Balkan Ç., KAYNAKLI Ö.  
4th Anatolian Energy Symposium with International Participation, 18 - 20 April 2018
- VIII. **Effect of Using Dimpled Tubes in Car Radiators into Thermal Performance and Pressure Drop Characteristics**  
CANBOLAT A. S., BADEMİÖĞLU A. H., YAMANKARADENİZ N., KAYNAKLI Ö.  
Alternative Energy Sources, Materials Technologies (AESMT'18), Plovdiv, Bulgaria, 14 - 15 May 2018
- IX. **A PRACTICAL SOFTWARE FOR THERMODYNAMIC ANALYSIS OF ABSORPTION REFRIGERATION CYCLES USING H<sub>2</sub>OLiBr AND NH<sub>3</sub>H<sub>2</sub>O SOLUTION PAIRS**  
CANBOLAT A. S., SAKA K., KAYNAKLI F., YAMANKARADENİZ N., KAYNAKLI Ö.  
IV. Uluslararası Katılımlı Anadolu Enerji Sempozyumu, Edirne, Turkey, 18 - 20 April 2018, pp.1574-1581
- X. **Exergy Analysis of The Organic Rankine Cycle Based on The Pinch Point Temperature Difference**  
BADEMİÖĞLU A. H., KAYNAKLI Ö., YAMANKARADENİZ R.  
International Conference on Advances in Science, 13 - 15 September 2017
- XI. **Farklı iklimsel bölgelerde bulunan binalarda yapılan yalıtımın termal ve ekonomik analizi**  
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## Patent

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